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**IN THE DRAWINGS**

Please amend Fig. 6A as shown in the attached replacement sheet.

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**REMARKS**

Claims 1 and 6 are rejected. Claims 2-5 and 7-10 are objected to for being dependent on a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim. The drawings and the specification are objected to.

Applicant has amended the specification, the claims, and the drawings. No new matter adds through the amendment.

**Drawing Objection**

Applicant has amended Figs. 6A and specified that X-axis of Figs. 6A and 6B denotes "a scale version of the frequency", Y-axis of Figs. 6A and 6B denotes "the amplitude response of the synthesized signal"

**Specification Objection**

Applicant has amended the specification to clarify Figs 6A and 6B.

**Claim Rejection**

Claims 1 and 6 are rejected under 35 U.S.C. 102.

Applicant has amended claims 1 and 6. Thus, the rejection is moot.

**Claims Objection**

Claims 2-5 and 7-10 are objected to for being dependent on a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim.

Applicant has amended claim 1 to include all limitations of claim 3; amended claim 2 to include all limitations of claim 1; added new claim 11 which contains all the limitations of original claims 1 and 4; amended claim 6 to include all limitations of claim 8; amended claim 7 to include all limitations of claim 6; added new claim 12 which contains all the limitations of original claims 6 and 9. Therefore, claims 1, 2, 5-7, and 10-12 are now allowable.

Accordingly, claims 3-4 and 8-9 have been canceled.

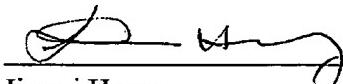
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**Conclusion**

In view of the foregoing amendments and remarks, it is respectfully submitted that the remaining claims are now in condition for allowance. Allowance of this application is earnestly solicited.

Respectively submitted

Date: 1/12/2005

  
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